

CASE NO. 2020-00043
GLOVER CREEK SOLAR, LLC
RESPONSES TO SITING BOARD'S SECOND REQUEST FOR INFORMATION

1. Refer to Glover Creek's response to Siting Board Staff's First Request for Information (Staff's First Request), Item 2.

a. Regarding the three leases referenced in the response to Item 2.a., provide a copy of each of these leases.

b. Regarding the type of solar panel to be used as mentioned in the response to Item 2.b., state when a decision will be made with respect to using either monocrystalline or polycrystalline panels, and state whether the type of panel technology will impact decommissioning and eventual disposal options.

c. Regarding the shrubs as referenced in the response to Item 2.c., state the potential maximum height of the shrubs once fully matured.

Response:

a. Please see attached Exhibit A, which are being filed in conjunction with a Petition for Confidentiality.

b. Final sourcing decisions and module allocation are typically made within the six months prior to construction start. Based on a construction start date of January 2022, sourcing decisions will be made in the summer of 2021. Decommissioning and recycling of monocrystalline and polycrystalline panels follow similar processes and there would not be any difference in the decommissioning and eventual disposal options between these two types of panels.

c. The expected maximum height of plants in the vegetative buffer is approximately 15 feet tall once fully matured. A list of example species that fit this description and may be used are: Dwarf Alberta Spruce, Sawara Cypress, Common Box, Emerald Green

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Arborvitae, Baby Giant Arborvitae Tree. Please see our response to question 9a2 in RFI #1 for reference.

- Witness:
- 1a. Carson Harkrader
 - 1b. Carson Harkrader
 - 1c. Tyler Caron

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**Exhibits A
(confidential)**

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2. Refer to Glover Creek's response to Staff's First Request, Item 4.a. Explain why there were two separate interconnection queue submittals to PJM Interconnection, LLC for this solar development rather than one submittal for the entirety of the project, and state whether the interconnection will require two separate phases.

Response: The Applicant chose to submit two separate applications to PJM for this project in order to preserve optionality over the eventual size of the project. At the time of our initial interconnection application to PJM, another large project in queue in the area ("Non-Related Project") was using up the local transmission capacity and only a 35MW size project was feasible at Glover Creek without triggering significant transmission grid upgrades. In early 2020 the Non-Related Project dropped out of the PJM interconnection queue, allowing us to proceed with the full 55MW size project that is now feasible without triggering significant transmission grid upgrades. The interconnection will proceed as one phase.

Witness: Carson Harkrader

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3. Refer to Glover Creek's response to Staff's First Request, Item 5. Explain why the Regenerative Energy method is not being implemented for this particular project.

Response: Regenerative Energy is a proprietary process developed by Silicon Ranch Corporation. As of June 12, 2020, Silicon Ranch is the owner of Turkey Creek Solar, LLC, the proposed Turkey Creek solar project, and its associated Siting Board application. Silicon Ranch Corporation has taken a leadership position in proscribing Regenerative Farming at its projects. As described in the Turkey Creek Siting Board application, a key component of Regenerative Energy is the use of sheep to control vegetation. Sheep farming is used on numerous solar projects across the United States (those owned by Silicon Ranch Corporation as well as others), requires coordination with local farmers, and is subject to the best practices and plans of the project owner. Applicant cannot guarantee at this time whether this type of vegetation management will be used at Glover Creek.

Witness: Carson Harkrader

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4. Refer to Glover Creek's Motion for Deviation from Setback Requirements, Exhibit 2, Garrard County Board of Education Letter of Support. Explain in more detail the solar project-related payments that will be made to Garrard County in connection with the issuance of the industrial revenue bonds associated with the solar project.

Response: Please see attached Exhibit B, which is the schedule attached to the Industrial Revenue Bond approved by Metcalfe County for the Glover Creek project.

Witness: Carson Harkrader

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Exhibit B

SCHEDULE A
to
PAYMENT IN LIEU OF TAXES AGREEMENT

PILOT PAYMENTS

CALENDAR YEAR	AMOUNT OF PILOT PAYMENT
Calendar years [2022] to [2041]*	\$1,000.00 per MWac (stated capacity)
Calendar years [2042] to [2051]**	\$200.00 per MWac (stated capacity)

TAXING AUTHORITIES

County of Metcalfe, Kentucky
Metcalfe County Extension Board
Metcalfe County Library District
Metcalfe County Soil Conservation District
Metcalfe County Ambulance District
Metcalfe County School District

*20 years starting in the calendar year in which the Project is placed in service, which is currently estimated to occur in calendar year 2022.

**10 years starting in the calendar year after the end of the preceding 20-year period.

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5. Refer to the questions propounded by Harvey Economics, which are attached as an Appendix to this information request and provide responses to those questions.

Response: See attached.

Witness: Carson Hardrader